

GANEA, TUDOR.

Ganea, Tudor. Contractibilité des produits symétriques.  
~~Acad. Repub. Pop. Române. Stud. Cerc. Mat.~~ 4, 23-28  
(1953). (Romanian, Russian and French summaries)

If  $X$  is metrizable, compact (locally compact) and contractible (locally contractible) then its  $n$ th symmetric potency [cf. Borsuk and Ulam, Bull. Amer. Math. Soc. 37, 375-382 (1931)] is contractible (locally contractible).

R. H. Fox (Princeton, N. J.).

Math. Space Set

Ganea, Tudor

Ganea, Tudor. Sur la catégorie uni-dimensionnelle. Acad. R. P. Române. Bul. Şti. Sect. Şti. Mat. Fiz. 5 (1953), 127-133. (Romanian, Russian and French summaries)

1 - F/W

If  $E$  is a locally connected continuum that has a maximal covering  $f: \tilde{E} \rightarrow E$ , the author defines  $\text{cat}_1 E$  to be the least integer  $k$  such that  $E$  is the union of  $k$  regions each evenly covered by  $f$ . The main theorem is the following: If  $\varphi$  induces an isomorphism of the group of covering transformations of  $\tilde{X}$  into the group of covering transformations of  $\tilde{Y}$  then  $\text{cat}_1 X \leq \text{cat}_1 Y$ . Corollaries: (1) if, for every  $s$ ,  $X$  has an  $s$ -image  $Y_s$  for which  $\text{cat}_1 Y_s \leq n$ , then  $\text{cat}_1 X \leq n$ ; (2) if  $X$  and  $Y$  are quasihomomorphic, then  $\text{cat}_1 X = \text{cat}_1 Y$ ; (3) if  $A$  is a retract of  $E$  then  $\text{cat}_1 A \leq \text{cat}_1 E$ , and equality holds if  $f^{-1}(A)$  is connected; (4) if there is a local homeomorphism of  $\tilde{X}$  on  $\tilde{Y}$  then  $\text{cat}_1 X \leq \text{cat}_1 Y$ ; (5) if  $X \supset X_1 \supset \dots$ , then  $\text{cat}_1 \bigcap X_n \leq \liminf \text{cat}_1 X_n$ . Finally it is shown by an example that if, in the main theorem, one requires the isomorphism induced by  $\varphi$  to be onto, the equality of  $\text{cat}_1 X$  and  $\text{cat}_1 Y$  need not follow.

R. H. Fox (Princeton, N. J.)

SMJ

GANEA, TUDOR

Mathematical Reviews  
Vol. 15 No. 2  
Feb. 1954  
Topology

8-10-54  
LL

Ganea, Tudor. Covering spaces and cartesian products.

Ann. Soc. Polon. Math. 25 (1952), 30-42 (1953).

A cartesian product  $E$  has a non-trivial covering if and only if some one of its factors  $E_\lambda$  has a non-trivial covering. In order that  $E$  have a universal covering  $\tilde{E}$  it is necessary and sufficient that each factor  $E_\lambda$  have a universal covering  $\tilde{E}_\lambda$  and that  $\tilde{E}_\lambda$  is almost always  $\tilde{E}_\lambda$ . Necessary and sufficient for the unicoherence of  $E$  is the unicoherence of each  $E_\lambda$ .

R. H. Fox (Princeton, N. J.).

Ganea, Tudor

Ganea, Tudor. Produits symétriques d'espaces topologi-  
ques. *Comm. Acad. R. P. Roum.* 4 (1954), 561-563.

(Romanian. Russian and French summaries)

Borsuk and Ulam (*Bull. Amer. Math. Soc.* 37 (1931) 875-882) have raised the question of the dimension of the  $n$ th symmetry potency  $E(n)$  of a space  $E$ . The author appears to have shown that it is the same as the dimension of the Cartesian product  $E^n$ , although some misprints have made this part of the paper unreadable. It is shown that  $E(n)$  inherits from  $E$  certain properties, notably the property of being connected, locally connected and uni-coherent, or of being locally contractible. R. H. Fox.

1 - F/11

1/5

32

22/10

Ganea, Tudor

Ganea, Tudor. On the Prüfer manifold and a problem of  
Aleksandrov and Hopf. Acta Sci. Math. Szeged 15, 231-  
235 (1954).

A proof is given of the non-normality of the Prüfer  
manifold. This has been shown independently by Cahabi  
and Rosenlicht [Proc. Amer. Math. Soc. 4, 335-340 (1953);  
MR 15, 351].

W. Kaplan (Ann Arbor, Mich.)

S.M.

LFH

GAMBA, T.

Regular abnormal divisions of normal spaces. p. 37. Vol. 5. No. 1, Jan. 1955.  
Comunicarile.

Source: East European Accessions List (EEAL), Lc, Vol. 5, No. 3, March 1956

Ganea, T.

Ganea, T. Aspects of the theory of topological groups.  
Gaz. Mat. Fiz. Ser. A, 8 (1956), 510-518 (Romanian)  
Expository article with especial attention to Hilbert's  
fifth problem.

2  
1-FW

GANEA, T.

Relations between category and n-dimensional category. In English. p. 327.

REVUE DE MATHEMATIQUES PURES ET APPLIQUEES. JOURNAL OF PURE AND APPLIED  
MATHEMATICS. (Academia Republicii Populare Romine) Bucuresti. Rumania.  
Vol. 2, 1957.

Monthly List of East European Accessions (EEAI) LC. Vol. 9, no. 1, January 1960.

Uncl.



GANEA, T.

Ganea, Tudor. Stability of polyhedra and hyperspaces of compact sets. Bull. Acad. Polon. Sci. Cl. III. 5 (1957), 975-978, LXXXI. (Russian summary.)

A compact metric space is called stable if there exists an  $\epsilon > 0$  such that, for every  $\epsilon$ -deformation  $f_t$  ( $0 \leq t \leq 1$ ) of  $X$ ,  $f_1$  is onto. Using an example of E. E. Floyd [Ann. of Math. (2) 64 (1956), 396-398; MR 18, 41], the author proves Th. 1: There exists a stable, contractible, 3-dimensional, finite polyhedron. According to K. Borsuk [Fund. Math. 41 (1955), 168-202; MR 16, 946],  $2_c^X$  denotes the space of non-empty, compact subsets of  $X$ , metrized by the metric  $\rho_c$ , where  $\rho_c(A, B) = \inf\{\delta \geq 0 \mid \text{there exist continuous } f: A \rightarrow B \text{ and } g: B \rightarrow A \text{ which move points } \leq \delta\}$ . Using Th. 1, the author settles two problems of K. Borsuk [ibid.] by proving Th. 2: There exists a 3-dimensional, compact metric absolute retract  $M$  such that  $2_c^M$  has infinitely many components and is not locally connected.

E. Michael (Seattle, Wash.)

BERSTEIN, I.; GANEA, T. (Bucuresti)

The category of a map and of a cohomology class. Fund mat 50  
no.3:265-279 '62.

1. Institute of Mathematics, R.P.R. Academy, Bucharest,

GANEFF P.

EXCERPTA MEDICA Sec.14 Vol.11/2 Radiology Feb 57.

350. GANEFF P. Matern. Clin. 'Tina Kirkova', Sofia. "X-ray treatment of acute puerperal mastitis (Serbian text) KHIRURGIJA (Sofia) 1955, 8/3 (238-243)

The mechanism of action of X-ray therapy on the whole organism is explained by way of the nervous system. Successful results are obtained only when X-ray is applied within the first 24 hr. of infection on a wider field, with the patient remaining in bed. The author has treated 400 cases of puerperal mastitis; 81.25% of the total number were cured. The results were much better (91.26%) when X-ray was applied during the first 24 hr. Of the hospitalized patients 89.59% were cured, whereas the percentage of those cured as outpatients was 68.71%. The dosage ranges from 60 r. for the acute infiltrations located at the surface, to 80 r. for the old and deeply located ones. The total dose should not exceed 250 r. The local penicillin therapy gives almost the same percentage results, but the application of X-ray is painless, does not traumatize the patient and leaves no cosmetic defect.

Ganeff - Sofia (X, 14)

GANELIN, A. M.

PA 171T38

USSR/Electricity - Electricians, Rural  
Literature

Oct 50

"Discussion and Review of a Series of Pamphlets,  
'Guides for Rural Electricians,'" A. M. Ganelin, Engr

"Elektrichestvo" No 10, pp 93 and 95

Details discussion organized by Sci and Tech Prop-  
aganda Committee of MONITOE on subject pamphlets, and  
reviews each pamphlet. Comments are favorable, but  
number of errors, inaccuracies, and misprints are  
criticized. Authors propose improved series at later  
date.

171T38

GANELIN, A. M. (ENGR)

GANELIN, A. M. (ENGR) -- "THEORETICAL AND EXPERIMENTAL INVESTIGATION OF MULTIWIRE STEEL CONDUCTORS, USED IN FARM ELECTRIFICATION." SUB II MAP 52, VIM AND VIESKH  
(DISSERTATION FOR THE DEGREE OF CANDIDATE IN TECHNICAL SCIENCES)

SO: VECHERNAYA MOSKVA, JANUARY-DECEMBER 1952

GANELIN, A. M.

USSR/Electricity - Standards  
Transmission Lines  
Mar 52

"Stranded Steel Conductors for Overhead Electric  
Power Transmission Lines," Engr A. M. Ganelin, All-  
Union Inst for Electrification of Agriculture

"Elektrichestvo" No 3, pp 78-80

Discusses reasons necessitating replacement of OST/  
RRT-8173/1003 by GOST 5800-51 (standards for steel  
overhead transmission line conductors). In respect  
to both selection of sizes and metal compn, old OST

24OT38

was obsolete. Describes method for taking electri-  
cal characteristics of conductors, and discusses  
their electrical and mech properties.

24OT36

GANELIN, A. M.

PA 228155

USSR/Electricity - Distribution Systems Apr 52  
Short Circuits

"A Graphical-analytical Method of Calculating  
Short-Circuit Currents in Steel-Wire Circuits,"  
M. S. Levin, A. M. Ganelin, Candidates Tech Sci,  
All-Union Sci Res Inst for Farm Electrification

"Elektrichestvo" No 4, pp 50-54

Proposes a new graphical-analytical method for  
calculating steady-state short-circuit currents in  
radial distribution systems using steel wires.

Defines the area of application of various methods  
of calculating these currents in such systems. Submitted  
14 Dec 51.

228155

GANELIN, A. M.

USSR/Electricity - Tractors

Jun 53

"Conference on the Operation of Electric Tractors,"  
A.M. Ganelin, Cand Tech Sci

Elektrichestvo, No 6, pp 88-89

Briefly reports on papers delivered by 17 persons (in all 29 communications were heard) at conference held 17-19 Jan 53 in Kiev by All-Union Section of Agricultural Electrification and Kiev Inter-Oblast Branch (both of VNITOE) and UkrGlavsel'elektro. Attended by 184 delegates, conference was devoted to improvement in operation of mobile elec agricultural machines in line with 19th Party

268T61

Congress directives to electrify agricultural machines in regions with large hydroelec power stas. Papers were devoted to exptl operation of elec tractors, design of new mobile elec machines, problems of creating elec MTS's.

*Abc 141*

*Mekh. i elek. Sal'khoz, No. 2, 1953*

268T61



GANELIN, A. M.

Electrical Engineering Abstracts  
May 1954  
Cables

1925. Calculation of the impedance of stranded steel conductors. A. M. GANELIN. *Elektrichestvo*, 1953, No. 11, 59-60. *In Russian*.

The need for introducing correction factors into the calculation of stranded steel conductors using Neiman's formulae (Abstr. 1805 (1950)) is pointed out. These formulae are valid only when skin effects are negligible (very heavy conductors). The author derives the correction factors from a comparison between the depth of penetration of the skin effect and the usual diameters of the strands and obtains a simple empirical relation for the correction factors. This is also shown graphically.

B. F. KRAUS

GANELIN, A.M., kandidat tekhnicheskikh nauk.

Scientific-technical conference in Tbilisi on rural electrification. Elektrichesvo no.12:81-82 D '53.

(MIRA 6:11)

(Rural electrification)

Ginsburg, A. M. (also known as)

Dissertation: "An Investigation of the Transmission Lines for Rural Electrical Networks." Cand Tech Sci, Moscow Institute for the Mechanization and Electrification of Agriculture imeni V. I. Molotov, 23 Jun 54. (Vichernyyaya Moskva, Moscow, 9 Jun 54)

SO: SOU 318, 23 Dec 1954

*E. A. Ganelin, A.M.*  
GANELIN, A.M., kandidat tekhnicheskikh nauk

Method for determining the electrical resistance of steel conductors.  
Nauch.trudy VIESKH no.1:37-49 '54. (MLRA 8:11)  
(Electric conductors) (Electric measurements)

EBIN, L.Ye., prof., doktor tekhn.nauk, red.; GANELIN, A.M., red.;  
PECHENKIN, I.V., tekhn.red.

[Increasing the reliability and efficiency of rural electric systems] Povyshenie nadezhnosti i ekonomichnosti sel'skikh elektricheskikh setei. Pod red. L.E.Ebina. Moskva, Izd-vo M-va sel'skogo khoz. SSSR, 1956. 147 p. (MIRA 12:3)

1. Nauchno-tekhnicheskoye obshchestvo energeticheskoy promyshlennosti. Moskovskoye pravleniye.  
(Rural electrification)

KULEBAKIN, V.S., akademik, redaktor; BUDZKO, I.A., doktor tekhnicheskikh nauk, redaktor; GAMELIN, A.M., kandidat tekhnicheskikh nauk, redaktor; GLEBOVICH, A.A., kandidat tekhnicheskikh nauk, redaktor; DREVS, G.V., kandidat tekhnicheskikh nauk, redaktor; LIBENSON, D.Ya., kandidat tekhnicheskikh nauk, redaktor; SLAVIN, P.M., kandidat tekhnicheskikh nauk, redaktor; SOLODENIKOV, V.N., kandidat tekhnicheskikh nauk, redaktor; SHUMILOVSKIY, N.N., doktor tekhnicheskikh nauk, redaktor; KURDYUKOV, K.P., kandidat tekhnicheskikh nauk, redaktor; KLIMOV, V.A., redaktor izdatel'stva; MOSKVICHEVA, N.I., tekhnicheskiiy redaktor

[Automatization of work in agriculture; papers delivered at the conference November 25 - December 2, 1954] Avtomatizatsiia proizvodstvennykh protsessov v sel'skom khoziaistve; materialy soveshchaniia, 25 noiabria - 2 dekabria. Moskva, Izd-vo Akademii nauk SSSR, 1956. 452 p. (MIRA 9:12)

1. Soveshchaniye po avtomatizatsii proizvodstvennykh protsessov v sel'skom khozyaystve, 1954. 2. Institut avtomatiki i telemekhaniki AN SSSR (for Kulebakin). 3. Vsesoyuznyy nauchno-issledovatel'skiy institut elektrifikatsii sel'skogo khozyaystva (for Glebovich, Solodenikov)

(Automatic control) (Agriculture)

GANELIN, A.M.; KISHECHNIKOV, S.A.; KULIK, M.Ye.

Electric fence for animals on pasture. Biul. nauch.-tekh. inform.  
po elek. sel'khoz. no.1:10-11 '56. (MLRA 10:9)

(Electric fences)

GANELIN, A.M.; ZAKHARIN, A.G.; LEVIN, M.S.

New aluminum steel wire for rural electric lines. *Biul. nauch.-tekh.*  
inform. po elek. sel'khoz. no.1:47-50 '56. (MIRA 10:9)  
(Electric wire)



LISTOV, Petr Nikolayevich; GANELIN, Aleksandr Moiseyevich, kand.tekhn.nauk;  
SMELYANSKIY, V.A., red.; ZUBRIDINA, Z.P., tekhn.red.

[Electric fence; electric herder] Elektricheskaya izgorod'  
(elektropastukh). Moskva, Gos.izd-vo sel'khoz.lit-ry, 1957.  
28 p. (MIRA 11:1)

1. Chlen-korrespondent Akademii sel'skokhozyaystvennykh nauk. (for Listov).  
(Electric fences)

EDIN, L.Ye.; GANELIN, A.M.; GILINSKIY, A.M.; GORNOVESOV, G.V.; ZLATKOVSKIY, A.P.; KAUFMAN, B.M.; KISELEV, N.A.; KULIKOV, P.Ye.; LEVIN, M.S.; SLAVIN, M.P.; SMIRNOV, B.V.; SMIRNOV, V.I.; SMIRNOVA, I.S.; TARASOVA, V.Ye.; CHMBOYAROV, V.I.; SHATS, Ye.L.; ENTIN, I.A.; IOSIPIYAN, S.G.; redaktor; SARKISYAN, A.M., redaktor; SMIRENSKIY, M.D., redaktor; TEPLITSKIY, Ya.S., redaktor; KOMAROVA, V.M., redaktor; GURNEVICH, M.M., tekhnicheskii redaktor.

[Rules for the operation of electric installations in rural areas]  
Pravila tekhnicheskoi ekspluatatsii sel'skikh elektroustanovok.  
Moskva, Gos. izd-vo sel'khoz. lit-ry, 1957. 183 p. (MIRA 10:4)

1. Russia (1923- U.S.S.R.) Glavnoye upravleniye sel'skikh elektrostantsii.

(Electric power plants) (Electricity in agriculture)

GANELIN, A.M.

SHATS, Yefim L'vovich; GANELIN, A.M., spetsredaktor; KOBYLYAKOV, L.M.  
redaktor; PEVNER, V.I., tekhnicheskii redaktor.

[Operation of rural electric installations] Eksploatatsiia sel'skikh  
elektroustanovok. Moskva, Gos.isd-vo sel'khoz.lit-ry, 1957. 495 p.  
(MLRA 10:\_0

(Electric apparatus and appliances)

LISTOV, P.N., prof.; GANELIN, A.M.

Apparatus used in agricultural research. Zemledelie 7 no.6:  
73-78 Je '59. (MIRA 12:8)

(Agricultural research)

L.ISTOV, P.N., prof., doktor tekhn.nauk; GANELIN, A.M.; GRICHEVSKIY, E.Ys.;  
LEVIN, M.S.; MURADYAN, A.Ye.; SLAVIN, R.M.; YAKOBS, A.I.;  
DEMINA, G.A., red.; TOKER, A.M., tekhn.red.

[Electrician for rural electric power systems] Elektromonter  
sel'skoi elektrifikatsii. Pod red. P.N.Listova. Moskva, Vses.  
uchebno-pedagog.izd-vo Proftekhizdat, 1960. (MIRA 13:5)

1. Chlen-korrespondent Vsesoyuznoy akademii sel'skokhoz.nauk  
(VASKhNIL) (for Listov).

(Electricians--Handbooks, manuals, etc.)

(Electricity in agriculture)

SLAVIN, Radiy Mikhaylovich; GANELIN, Aleksandr Moiseyevich; KELENETSKAYA,  
L.V., red.; SAYTANIDI, L.D., tekhn.red.

[Automatic water supply on livestock farms] Avtomatizatsia  
vodosnabzhenia shivotnovodcheskikh ferm. Moskva, Izd-vo M-va  
sel'.khoz.RSFSR, 1961. 95 p. (MIRA 14:4)  
(Cattle--Watering) (Pumping machinery)

GANELIN, A.M.

Contribution of power engineers to agriculture. Mekh. i elek.  
sots. sel'khoz. 19 no.3:64-3 of cover '61. (MIRA 14:6)  
(Electricity in agriculture)

ETERLEY, Nikolay Semenovich; GANELIN, A.M., nauchnyy red.; CHIRKOV,  
A.Ya., nauchnyy red.; VINOKUR, I.Ye., red.; NESMYSLOVA,  
L.M., tekhn. red.

[Electric power plants, substations, lines, and power-  
distribution networks] Elektricheskie stantsii, podstantsii,  
linii i seti. Moskva, Proftekhizdat, 1962. 239 p.

(MIRA 16:2)

(Electric power distribution)

(Electric power plants)



GANELIN, Aleksandr Moiseyevich; LEVIN, Moisey Solomonovich. Prinimali  
uchastiy: SERGIYEVSKIY, A.S.; KISHECHNIKOV, S.A.; LISTOV,  
P.N., doktor tekhn. nauk, prof., red.; MEL'NIKOVA, G.P.,  
red.; TOKER, A.M., tekhn. red.

[Handbook for the beginning electrician working in rural  
electrification] Spravochnik mladogo mekhanika sel'skoi elek-  
trifikatsii. Pod red. P.N.Listova. Moskva, Proftekhizdat,  
1963. 464 p. (MIRA 16:8)

1. Chlen-korrespondent Vsesoyuznoy akademii sel'skokhozyay-  
stvennykh nauk im. V.I.Lenina (for Listov).  
(Rural electrification--Handbooks, manuals, etc.)

L 10721-65 EWT(d)/EWT(m)/EWP(w)/EWA(d)/EWP(k)/EWP(b)/EWA(h) Pf-4/Pab  
 ASD(m)-3 MJW/JD/HW/EM

ACCESSION NR: AP4045448

8/0129/64/000/009/0044/0045

AUTHOR: Ganelin, D. N.

TITLE: Transient softening of high-strength steel during tempering

SOURCE: Metallovedeniye i termicheskaya obrabotka metallov, no. 9, 1964, 44-45

TOPIC TAGS: thin wall shell, thin wall shell ovalness, thin wall shell tempering, thin wall shell straightening, high strength steel, high strength steel shell

ABSTRACT: The plastic behavior of 25KhSNVFA steel during tempering was investigated in order to determine the optimum straightening conditions for thin-wall shells. Sheet specimens 1.2 x 2.5 x 350 mm were heat-treated under different conditions, placed on two supports 280 mm apart, loaded in the center with 5 kg, and tempered at 250 to 650C for 1.5 hr. The results showed that specimens quenched from 910C and tested in as-quenched condition had a tensile strength of 170 kg/mm<sup>2</sup> and a deflection of 5.3-15 mm, depending on tempering temperature. The specimens which were annealed at 700C, Furnace-

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ACCESSION NR: AP4045448

cooled to 650C, and air-cooled to room temperature had a deflection of 0—1.5 mm. Quenched and tempered specimens had similar behavior. Thus, as-quenched (not tempered) 25KhSNVFA steel in the process of structural change during tempering has a much higher ductility than annealed or quenched and tempered steel. In view of these findings, straightening of cylindrical shells 430 mm in diameter and 3500 mm long, made of 25 KhSNVFA steel, which after quenching had a tensile strength of 170 kg/mm<sup>2</sup> and an ovalness of 20—25 mm, was successfully combined with tempering. The ovalness was reduced to 2—3 mm. The same method of straightening was applied to quenched and tempered shells with the same ovalness. In this case, residual ovalness was 4—6 mm. Microscopic examinations showed that the method described has no adverse effects on mechanical properties and produces no microcracks. Orig. art. has: 2 figures and 2 tables.

ASSOCIATION: none

SUBMITTED: 00 THE PUBLISHED PRESS: 3115 ENCL: 00

SUB CODE: MM, LE NO REF SOV: 002 OTHER: 001

Card 2/2

GANELIN, E. (Dr.) and IL'INSKIY, B. V. (Leningrad)

"The Nervous System and Atherosclerosis. Observations Clinical and Experimental"

report submitted for the IV Intl. Congress of Clinical Pathology, Madrid, Spain,  
13-17 Jun 1960

Abstract: The authors state that the lipid metabolism probably is regulated by the hypothalamus. They also believe that the nervous regulation of liver function might have an effect. These bits of information would fit in with the apparently increasing notion that coronary sclerosis may be related to stress which may be partially manifested by stresses affecting the CNS or vegetative centers.

GANELIN, G.M., inzh.; IVASHEV, V.V., inzh.

Restoration of defective ShT-35 insulators. Energetik 9 no.11:28-  
31 N '61. (MIRA 14:12)  
(Electric insulators and insulation--Repairing)

BABSKIY, Ye.B., akademik; BARANOVSKIY, A.L.; GANELIN, G.Z.;  
UL'YANINSKIY, L.S.; USHAKOVA, I.A.

Electric stimulation of the heart by radio-frequency  
pulse transmission. Dokl. AN SSSR 147 no.1:255-258  
N '62. (MIRA 15:11)

1. Institut normal'noy i patologicheskoy fiziologii  
AMN SSSR. 2. AN UkrSSR (for BabSKIY).  
(ELECTROCARDIOGRAPHY)

GANELIN, Georgiy Zalmankovich; KULAYEVA, Inna Georgiyevna; IVANOV,  
B.N., red.

[Multiple connection switches] Perekluchateli parallel'-  
nykh soedinenii (PPS). Leningrad, 1965. 21 p.  
(MIRA 18:10)

GANELIN, I.N.

Measuring moments up to 6 kg-m on the TSDMU-30 testing machine.  
Uch. zap. IAGU no.9:93-98 '61. (MIRA 15:7)  
(Testing machines)



GANELIN, I.N., kandidat tekhnicheskikh nauk.

Characteristics of flange stability conditions in preheated deep  
drawing and the effect of varying pressures on the blank. Trudy  
MATI no.29:38-61 '56. (MLRA 9:12)  
(Deep drawing (Metalwork))

GANELIN, I.N.

Instrument for interpreting the results of deformation  
measurements. Zav.lab. 26 no.6:767-768 '60.  
(MIRA 13:7)

1. Bryanskiy institut transportnogo mashinostroyeniya.  
(Deformations (Mechanics))

GANELIN, I.N.

Experimental determination of the plane stressed state, Uch.  
zap. IAGU no.9:87-92 '61. (MIRA 15:7)  
(Strains and stresses)

KOSACHEVSKIY, Aleksandr Abramovich; GANELIN, Lev Israilevich;  
EPSHTEYN, M.M., red.; KIMMEL', L.S., red. izd-va;  
KARLOVA, G.L., tekhn. red.

[Organization and technique of lumber marketing] Organizatsiia  
i tekhnika lesosbytovoi raboty. Moskva, Goslestumizdat,  
1962. 257 p. (MIRA 16:4)

(Lumber trade)

ROGANIN, F.D.; BESITSKIY, R.M.; GANIN, Yu.V.

Control of oxygen-containing products in the process of paraffin  
oxidation. Khim.i tekhnol. i masel 10 no.7:35-38 JI '66.  
(MIRA 18:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy proyektnyy institut  
sinteticheskikh shirozameniteley.

NEYFAKH, S.A.; NEMCHINSKAYA, V.L.; GAYTSKHOKI, V.S.; GANELINA, L.Sh.

Participation of mitochondria in the control of the glycolysis  
of the cell nucleus. Dokl. AN SSSR 154 no.5:1202-1205 F'64.  
(MIRA 17:2)

1. Institut eksperimental'noy meditsiny AMN SSSR i Institut  
tsitologii AN SSSR. Predstavleno akademikom N.M. Sisakyanom.

GANELIN, Ya.A.

Mechanized ~~washing~~ of drying planks. Sakh. prom. 35 no.8:  
53-54 Ag '61. (MIRA 14:8)

1. Krasnozvezdinskiy sakharo-rafinadnyy zavod.  
(Sugar industry--Equipment and supplies)

GANELINA, L.S., kand.fed.rak; GUTKOVA, M.N., kand.fed.rak.

Important problems in cytology; session in Leningrad. Vest. AN SSSR  
35 no.2:98-100 Ag '65. (MIRA 18:8)



1ST AND 2ND ORDERS										3RD AND 4TH ORDERS									
<p><i>Handwritten:</i> 118</p> <p><b>COMMON ELEMENTS</b></p> <p><b>COMMON VARIABLES INDEX</b></p> <p><b>PROCESSING AND PROPERTIES INDEX</b></p> <p><b>Action of nicotinic acid on the circulatory system.</b>  <b>1. B. Chavilhon, <i>Klin. Med. (U.S.S.R.)</i> 20, No. 4, 51-54 (1958).</b> -- Injection (subcutaneous) of 50-150 mg. nicotinic acid (1) affects healthy and hypertonic human subjects; at first tachycardia is observed, followed by bradycardia. The electrocardiogram is little affected. 1 progressively lowers arterial blood pressure (preliminary rise may occur), dilates the capillary passages (best shown in healthy persons or patients with subnormal blood pressure; least in hypertonics). Usually venous pressure is raised. In diln. beyond 1:200,000 I does not affect the coronary vessels of stopped rabbit or cat heart; at 1:100,000 it causes dilation; at 1:50,000 it causes contraction.  <b>(G. M. Kosolapoff)</b></p> <p><b>ASD-5LA METALLURGICAL LITERATURE CLASSIFICATION</b></p> <p><b>1ST AND 2ND ORDERS</b></p> <p><b>3RD AND 4TH ORDERS</b></p>																			

MANEZHNIK, I. Ye.

23616

K VOZROSDU SVYEGOSLASHNOY KLINIKO-ELEKTROKARDIOGRAFIЧЕСКОY SINDROME,  
SVYAZANNAYA S UKLOUCHENIEM PREDSEDA OZONNOY CHENYOGU PRIVLECHENIYA. KLIN. ON.  
MEDITSINA, 1947, No. 7, c. 62-71.--DISLOOK: c. 71

SO: LETOPIS' No. 31, 1949

GANELINA, I.Ye.

On treatment of angina pectoris with testosterone. Ter. arkh. 23  
no.1:28-36 Jan-Feb 51. (CIWL 20:8)

1. Of the Faculty Therapeutic Clinic (Director--Active Member of  
the Academy of Medical Sciences USSR Prof. G.F. Lang, deceased).  
First Leningrad Medical Institute imeni Academician I.P. Pavlov.

GANELINA, I.Ye.; DEMBO, E.A.; CHERNORUTSKIY, M.V., zaveduyushchiy; UNDRITS, V.F., zaveduyushchiy.

Certain peculiarities of the function of the vestibular analyzer in patients with hypertension and ulcers. Trudy Inst.fiziol. 1:507-518 '52.

(MLDA 6:8)

1. Terapevticheskiy sektor (for Chernorutskiy, Dembo and Ganelina). 2. Klinika LOR bolezney I Leningradskogo meditsinskogo instituta (for Undrits, Dembo and Ganelina). (Hypertension) (Ulcers) (Labyrinth (Ear))

GANELINA, I.Ye.

Certain interoceptive reflexes in neurogenic experimental hypertension.  
Biul. eksp. biol. i med. 38 no.7:18-23 J1 '54. (MLRA 7:8)

1. Iz terapevticheskogo sektora (zav. deystvitel'nyy chlen AMN SSSR M.V.Chernorutskiy) i laboratorii fiziologii retseptorov (zav. deystvitel'nyy chlen AMN SSSR prof. V.M.Chernigovskiy) Instituta fiziologii AN SSSR imeni I.P.Pavlova (dir. akad. K.M.Bykov), Leningrad.

(HYPERTENSION, experimental,

interoceptive reflexes in hypertension prod. by excis.  
of aortic & carotid reflexogenic organs)

(REFLEX,

interoceptive in exper. hypertension prod. by excis.  
of aortic & carotid reflexogenic organs)

GANELINA, I.Ye.

Reflexes from mechanical receptors of the intestine and the bladder of the heart in experimental neurogenic hypertension and in atherosclerosis; electrocardiographic data. Biul. eksp. biol. i med. 40 no.10:35-41 Oct. '55. (MLRA 9:1)

1. Iz terapevticheskogo sektora (zav.deystvitel'nyy chlen AMN SSSR M.V.Chernorutskiy) i laboratorii patofiziologii (zav.-prof. V.S.Galkin) Instituta fiziologii imeni I.P. Pavlova AN SSSR, Leningrad.

- (HYPERTENSION, experimental,
  - eff. of bladder & intestine stimulation on ECG in rabbits)
- (ARTERIOSCLEROSIS, experimental,
  - eff. of bladder & intestine stimulation on ECG in rabbits)
- (BLADDER, physiology,
  - eff. of stimulation on ECG in exper. atherosclerosis & hypertension)
- (INTESTINES, physiology,
  - eff. of stimulation on ECG in exper. atherosclerosis & hypertension)
- (ELECTROCARDIOGRAPHY,
  - eff. of bladder & intestine stimulation on ECG in exper. atherosclerosis & hypertension)

GANELINA, I.Ye. (Leningrad)

Changes in the excitability of the visual analyzer under stimulation  
of the gastric chemoreceptors in peptic ulcers. Klin.med. 34 no.4:  
92 Ap '56. (MIRA 10:1)

1. Iz terapevticheskogo sektora Instituta fiziologii imeni I.P.  
Pavlova i gosital'noy terapevticheskoy kliniki (sav. - deystvitel'-  
nyy chlen Akademii meditsinskikh nauk SSSR professor M.V. Chern-  
rutskiy) I Leningradskogo meditsinskogo instituta imeni N.P.Pavlova.  
(PEPTIC ULCER) (STOMACH--INNERVATION) (SIGHT)

GANELINA, I.Ye.; TSVIBEL', I.V.

Cardiovascular change in man under normal and pathologic conditions as effected by filling of the bladder; based on electrocardiographic data and research on arterial pressure. Biul. eksp. biol. i med. 41 no.1:14-19 Ja. '56 (MIRA 9:5)

1. Iz terapevticheskogo sektora (zav.-deystvitel'nyy chlen AMN SSSR prof. M.V. Chernorutskiy) Instituta fiziologii imeni I.P. Pavlova (dir.-akad. K.M. Bykov) AN SSSR i iz Urologicheskoy kliniki 1-go Leningradskogo meditsinskogo instituta (zav.-prof. A.M. Gasparyan) Predstavlena deystvitel'nyy chlenom AMN SSSR M.V. Chernorutskiy.

(BLADDER, physiol.

filling process, eff. on cardiovasc. system)

(CARDIOVASCULAR SYSTEM, physiol.

eff. of filling process of bladder)



GANELINA, I. Ye. Doc Med Sci -- (diss) "On <sup>reflex</sup> ~~the~~ effect <sup>from</sup> ~~of~~ hemoreceptors of the gastro-intestinal tract upon ~~the reflexes of the~~ heart, particularly ~~in~~ <sup>during</sup> ~~the case of~~ atherosclerosis. (Clinical experimental study)." Len, 1957. 33 pp (1st Len Med Inst im Academician I. P. Pavlov), 200 copies (KL, 45-57, 98)

USSR / Human and Animal Physiology (Normal and Pathological). Blood Circulation. Heart. T

Abs Jour: Ref Zhur-Biologiya, No 21, 1958, 97516

Author : Ganelina, I. Ye.

Inst : Not given

Title : Reflexes from Hemoreceptors of Intestinal Tract on the Heart by Experimental Myocarditis (According to ECG Data)

Orig Pub: Byul. eksperim. biol. i med., 1957, 43, No 1, 32-37

Abstract: In cats with experimental caffeine-adrenaline myocarditis perfusion of vessels of the region of ileum and jejunum with oxygenated Tyrod's solution was performed. At the moment of acetylcholine (10 to 50 gamma) addition to perfusate, almost in one

Card 1/2

*Therapy Section & Sub-pathology*  
*Inst Physiology in I. P. Pavlov, AS USSR*

27

GANELINA, I.Ya.

Further investigation of reflex influences from chemoreceptors  
of the gastrointestinal tract on the heart; clinical experiment.  
Trudy Inst, fiziol. 7:310-318 '58. (MIRA 12:3)

1. Terapevticheskiy sektor (zav. - M.V. Chernorutskiy [deceased]  
i Laboratoriya patofiziologii (zav. - V.S. Galkin [deceased]. Instituta  
fiziologii im. I.P. Pavlova AN SSSR.  
(ALIMENTARY CANAL--INNERVATION)  
(HEART)

GANELINA, I.Ye., DZIDZIGURI, T.D., ZHILINSKAYA, M.A., LANG-BELONOGOVA, N.S.

Role of higher nervous activity disorders in lipid metabolism;  
clinical experimental data. Terap.arkh.30 no.6:72-81 Ja '58

(MIRA 11:7)

1. Iz terapevticheskogo sektora (ispolnyayushchiy obyazannosti zav.  
prof. B.V. Il'inskiy), sektora nervnykh bolezney (zav. - prof. N.A.  
Kryshova) i laboratorii koritiko-visserebral'noy patologii (zav.  
prof. I.T. Kurtsin) Instituta fiziologii AN SSSR imeni I.P. Pavlova.

(MENTAL DISORDERS, blood in,  
lipids (Rus))

(LIPIDS, in blood,  
in ment. disord (Rus))

GANELINA, I.Ye.; ZIMOVAYA, N.G.; IL'INSKIY, O.B.; LEBEDEVA, V.A.;  
MARTYNYUK, V.K.; MERKULOVA, O.S.; MUSYASHCHIKOVA, S.S.;  
MYAGKAYA, I.P.; OSADCHIY, L.I.; POPOVA, T.V.; SEREBRENNIKOV, I.S.;  
TYUTRYUMOVA, Z.I.; CHERNICHENKO, V.A.; YAROSHEVSKIY, A.Ya.

Interceptive component in the development of certain pathological  
states. Trudy Inst.fiziol. 8:240-253 '59. (MIRA 13:5)

1. Laboratoriya patologicheskoy fiziologii (zaveduyushchiy - V.S.  
Galkin [deceased]) Instituta fiziologii im. I.P. Pavlova AN SSSR.  
(SENSSES AND SENSATION) (PATHOLOGY)

GANELINA, I.Ye.

Reflexes from the chemoreceptors of the stomach to the heart as shown by electrocardiography in patients with atherosclerosis and in patients with chronic diseases of the digestive organs. Trudy Inst. fiziol. 94190-198'60. (MIRA 14:3)

1. Terapevticheskiy sektor (zaveduyushchiy - M.V.Chernorutskiy)  
Instituta fiziologii im. I.P.Pavlova.  
(REFLEXES) (ELECTROCARDIOGRAPHY)  
(ARTERIOSCLEROSIS) (DIGESTIVE ORGANS---DISEASES)

GANELINA, I.Ye.; IL'INSKIY, B.V.

Nervous system and arteriosclerosis. Arkh. pat. 22 no. 11:5-13  
'60. (MIRA 14:1)

(ARTERIOSCLEROSIS) (NERVOUS SYSTEM)

GANELINA, I. YE. and KRAYEVSKIY, YA. M. (Leningrad, USSR)

"Disturbances of lipid metabolism in patients with  
diencephalitis"

Report submitted to the 7th Intl. Congress of Neurology,  
Rome, Italy, 10-15 Sep 61



GANELINA, I.Ye.; KRAYEVSKIY, Ya.M. (Leningrad)

Lipid metabolism disorders in patients with diencephalitis.  
Klin.med. 39 no.5:36-41 My '61. (MIRA 14:5)

1. Iz terapevticheskogo sektora (zav. - prof. B.V. Il'inakiy)  
i sektora nervnykh bolezney (dir. - prof. N.A. Kryshova)  
Instituta fiziologii imeni I.P. Pavlova AN SSSR (dir. - akad.  
V.N. Chernigovskiy).  
(DIENCEPHALON—DISEASES) (LIPID METABOLISM)

GANELINA, I.Ye.

Problem of the effect of neural regulation of the liver on the course of experimental atherosclerosis. Biul. eksp. biol. i med. 51 no.4: 48-51 Ap '61. (MIRA 14:8)

1. Iz terapevticheskogo sektora (zav. - prof. B.V.II'inskiy) Instituta fiziologii (dir. - akademik V.N.Chernigovskiy) AN SSSR imeni I.P.Pavlova, Leningrad. Predstavlena akademikom V.N.Chernigovskim.  
(ARTERIOSCLEROSIS) (LIVER--INNERVATION)

GANELINA, I. YE.

"Some neurohumoral mechanisms of lipid metabolism disorders and their role in the development of atherosclerosis. "

presented at the Fourth World Congress of Cardiology , Mexico City,  
Mexico, 7-13 Oct 1962

GANELINA, I.Ye.; KOMAROVA, I.N.; KRAYEVSKIY, Ya.M. (Leningrad)

Function of the thyroid gland in relation to the state of lipid metabolism in the diencephalic syndrome. Klin.med. no.9:129-136 (MIRA 15:12) '62.

1. Iz sektora nervnykh bolezney (zav. - prof. N.A. Kryshova) Instituta fiziologii imeni I.P. Pavlova (dir. - akad. V.N. Chernigovskiy) AN SSSR i 3-y terapevticheskoy kliniki (zav. - prof. B.V. Il'inskiy) Gosudarstvennogo instituta dlya usovershenstvovaniya vrachey.  
(THYROID GLAND) (LIPID METABOLISM) (DIENCEPHALON---DISEASES)

ILINSKII, B.V.; GANELINA, I.E.

Vascular reactivity in hypercholesterolaemia and atherosclerosis.  
Cor vasa 4 no.4:271-280 '62.

1. IIIrd Department of Internal Medicine, State Institute for Postgraduate  
Medicine and the Department of Internal Medicine of the Pavlov Institute  
of Physiology, Academy of Sciences, Leningrad.  
(HYPERCHOLESTEREMIA) (ARTERIOSCLEROSIS)  
(PLETHYSMOGRAPHY)

GANELINA, Irina Yefimovna, doktor med. nauk; IL'INSKIY, B.V., prof.,  
otv.red.; GOL'DANSKAYA, M.I., red.izd-va; KONDRAT'YEVA, M.N.,  
tekhn. red.

[Interoceptive effects from the gastrointestinal tract on the  
heart] Interotseptivnye vlianiia s zheludochno-kishechnogo  
trakta na serdtse. Moskva, Izd-vo Akad. nauk SSSR, 1963. 177 p.  
(MIRA 16:2)

(ALIMENTARY CANAL--INNERVATION)  
(CARDIOVASCULAR SYSTEM--DISEASES)

CANELINA, I.Ye; KOMAROVA, I.N. (Leningrad)

Thyroid gland, lipid metabolism, and atherosclerosis; current  
state of the problem. Probl.endok. i gorm. no.2:113-119'63.  
(MIRA 16:7)

1. Iz gruppy po aterosklerozy Instituta fiziologii imeni I.P.  
Pavlova (direktor - akademik V.N.Chernigovskiy), Leningrad.  
(THYROID GLAND) (LIPID METABOLISM)  
(ARTERIOSCLEROSIS)

GANELINA, I. Ye.; DERYAGINA, G.P.; KRIVORUCHENKO, I.V.: LIPOVETSKIY, B.M.

Blood lipids and some indices of the blood coagulation system.  
Ter. arkh. 35 no.7:13-23 J1'63 (MIRA 17:1)

1. Iz gruppy klinicheskoy i eksperimental'noy kardiologii  
(rukovoditel' - doktor med. nauk I. Ye. Ganelina ) Instituta  
fiziologii ( dir. - akademik V.N.Chernigovskiy ) AN SSSR i  
III terapevticheskoy kafedry ( zav. - prof. B.V. Pl'inskiy )  
Gosudarstvennogo instituta dlya usovershenstvovaniya vrachey.



GANELINA, I.Ye.

Effect of denervation of the adrenal glands on the level of blood lipids and the extent of morphological changes in the aorta of rabbits with atherosclerosis. Pat. fiziol. i eksp. terap. 8 no.6: 7-10 N-D '64. (MIRA 18:6)

1. Gruppya klinicheskoy i eksperimental'noy kardiologii (rukovoditel' - doktor med. nauk I.Ye. Ganelina) Instituta fiziologii imeni Pavlova (dir. - deystvitel'nyy chlen AMN SSSR V.N. Chernigovskiy) AN SSSR, Leningrad.

GANELINA, Irina Vefimovna; KOMAROVA, Irina Nikolayevna;  
~~KRIVORUCHENKO~~, Irina Vyacheslavovna; LIPOVETSKIY,  
Boris Markovich

[Lipid metabolism and atherosclerosis; problems of lipid  
metabolism regulation and the pathogenesis of athero-  
sclerosis] Obmen lipidov i ateroskleroz; voprosy regu-  
liatsii obmena lipidov i patogeneza ateroskleroza. Mo-  
skva, Nauka, 1965. 253 p. (MIRA 18:8)

1. Akademiya nauk SSSR. Institut fiziologii.

ABDURAKHMANINOV, F.A.; GANELINA, I.Ye., doktor med.nauk; KRIVORUCHENKO, I.V.;  
LIPOVETSKIY, B.M.; CHERNIGOVSKAYA, S.V. (Leningrad)

Mechanism of the disturbance of lipid metabolism in atherosclerosis and the effect of lipemia on the blood coagulation system.  
Vop.pit. 24 no.4:70-76 J1-Ag '65.

(MIRA 18:12)

1. Laboratoriya klinicheskoy i eksperimental'noy kardiologii  
(zav. - doktor med.nauk I.Ye.Ganelina) Instituta fiziologii  
AN SSSR imeni I.P.Pavlova, Leningrad. Submitted June 23, 1964.

CHEN, I. S.

CHEN, I. S.- "Electrocardiographic Changes in pneumonia in Children and the Effect of Aerotherapy on Them." Min of Public Health USSR, First Leningrad Med Inst imeni Academician I. P. Pavlov, Leningrad, 1955 (Dissertations for Degree of Candidate of Medical Sciences)

SO: Knizhnaya Leto is' No. 26, June 1955, Moscow

<sup>L</sup>  
GANELINA, SH., BROWN, A. D. (USSR)

<sup>A</sup>  
"Combined Structural and Chemical Basis for the Increased  
Resistance of Stretched Muscle to Injurious Agencies."

Report presented at the 5th Int'l. Biochemistry Congress,  
Moscow, 10-16 Aug 1961

GANELINA, L. Sh.

"The Effect of Muscle Stretching on Resistance to Injurious Influences."  
pp. 18

Institute of Cytology AS USSR Laboratory of Cell Biochemistry

II Nauchnaya Konferentsiya Instituta Tsitologii AN SSSR. Tezisy Dokladov  
(Second Scientific Conference of the Institute of Cytology of the Academy  
of Sciences USSR, Abstracts of Reports), Leningrad, 1962 88 pp.

JPRS 20,634

GANELINA, L. Sh. and VOROB'YEV, V. I.

"The Mechanism of Change in the Resistance of 'Muscle Models' to Thermal Denaturation during Stretching." pp. 20

Institute of Cytology Laboratory of Cell Biochemistry, Laboratory of Cell Physiology

II Nauchnaya Konferentsiya Instituta Tsitologii AN SSSR. Tезисы Докладов  
(Second Scientific Conference of the Institute of Cytology of the Academy of Sciences USSR, Abstracts of Reports), Leningrad, 1962 88 pp.

JPRS 20,634

GANELINA, L.Sh.

Effect of stretching on isolated skeletal muscles in frogs. TSitologiya  
4 no.1:32-41 Ja-F '62. (MIRA 15:4)

1. Laboratoriya biokhimii kletki Instituta tsitologii AN SSSR,  
Leningrad.

(MUSCLES)



GANELINA, L.Sh.

Influence of the stretch of a muscle model on its resistance to the action of denaturing agents. *Tsitologiya* 4 no.2:223-227 Mar-Apr '62.

(MIRA 15:8)

1. Laboratoriya biokhimi kletki Instituta tsitologii AN SSSR, Leningrad.

(MUSCLE—MOTILITY) (ADENOSINETRIPHOSPHATASE)

GANELINA, L.Sh.

Survival of isolated skeletal muscles of a frog in potassium chloride solutions under the influence of stretching. TSitologiya 4 no.3:339-342 My-Je '62. (MIRA 16:3)

1. Laboratoriya biokhimii kletki Instituta tsitologii AN SSSR, Leningrad.

(MUSCLE) (POTASSIUM CHLORIDE--PHYSIOLOGICAL EFFECT)

VOROB'YEV, V.I.; GANELINA, L.Sh.

Nature of the change in muscle resistance to denaturing (thermal)  
action during stretching. Biokhimiia 27 no.3:565-568 My-Je '62.  
(MIRA 15:8)

1. Laboratory of Cell Biochemistry, Institute of Cytology,  
Academy of Sciences of the U.S.S.R., Leningrad.  
(MUSCLES) (PROTEINS) (HEAT--PHYSIOLOGICAL EFFECT)

VOROB'YEV, V.I.; GANELINA, L.Sh.

Enzymatic splitting of ATP by glycerinated muscle following stretching. TSitologiya 5 no.6:672-674 N-D '63. (MIRA 17:10)

1. Laboratoriya biokhimicheskikh osnov reproduksii kletok i Laboratoriya biokhimii kletki Instituta tsitologii AN SSSR, Leningrad.

GANELINA, L.Sh.

Histones and their role in cell metabolism. TSitologiya 7 no.2:155-  
165 Mr-Apr '65. (MIRA 18:7)

1. Laboratoriya biokhimi kletki Instituta tsitologii AN SSSR, Lenin-  
grad.

BRAUN, A.I.; POLYCHEN, A.G.; GANFELINA, L.S.; NEMCHINSKAYA, V.L.;  
NIVETAYEVA, N.M.

Effect of injuring factors on intracellular structures.  
TSitologiya 7 no.4:494-500 J1-kg '65. (MIRA 18:9)

REMCHINEKAYA, V.I.; GANGLINA, L.S.; BRAUN, A.D.

Possible role of histones in controlling glycolysis in the  
Oryza nuclei. Biokhimiya 50 no.1.39-38 Ja-F '65. (MIRA 18:6)  
1. Laboratoriya biokhimi kletki Instituta tsitologii AN SSSR,  
Leningrad.

GANELINA, L.Sh.; GRUZOVA, M.N.

General session of the Department of Biochemistry, Biophysics and  
Chemistry of Physiologically Active Substances of the Academy of  
Sciences of the U.S.S.R. dedicated to the activities of the  
Scientific Council on Problems of Cytology and the Second  
Coordination Conference on Cytology. TSitologiya 7 no.5:692-695  
S-0 '65. (MIRA 18:12)



GANELINA, R.A.

~~Foraminifera of Visean deposits in the northwestern regions of the~~  
Moscow Basin. Trudy VNIGRI no.98:61-183 '56. (MLBA 10:4)  
(Moscow Basin--Foraminifera, Fossil)

SADYKOV, B.G., aspirant; GANELINA, R.G.; CHERMENSKAYA, N.A., laborant

Hemolytic shock caused by Rh-incompatibel blood transfusion.  
Kaz.med.zhur. no.5:56-57 S-O '62. (MIRA 16:4)

1. Izoserologicheskaya laboratoriya (zav. - R.G.Ganelina)  
Respublikanskoy stantsii perelivaniya krovi (direktor - L.I.  
Mukhutdinova) Ministerstva zdravookhraneniya Tatarskoy ASSR  
i 1-ya kafedra akusherstva i ginekologii (zav. - prof. P.V.  
Manenkov) Kazanskogo meditsinskogo instituta.

(BLOOD---TRANSFUSION) (HEMOLYSIS AND HEMOLYSINS)  
(RH FACTOR)

GANELINA, S.A.

Gas cyaniding of turbodrill disks. Neft.khoz. 34 no.10:12-15  
0 '56. (MLRA 9:11)  
(Turbodrills) (Cyanide process)

GORELIK, B.M.; GANELINA, S.A.; TIKHONOVICH, L.V.

Ways of increasing the durability of a turbodrill bearing disc.  
Neft. khoz. 39 no.5:16-20 My '61. (MIRA 14:9)  
(Turbodrills)

GORELIK B.M.; GANELINA, S.A.; NIKITIN, G.M.; TIKHONOVICH L.V.

New heat and oil resistant rubber for the support of timber-  
drills. Neft. khoz. 42 no.12:11-14 D 86; (MIRA 18:2)

TEYTEL'BAUM, B.Ya; GANELINA, S.G.; GORTALOVA, T.A.

Study of the surface layer in liquid systems. Part 3: Surface  
tension and foam formation in the system consisting of vapor,  
cymene, and methyl alcohol. Izv.Kazan.fil.AN SSSR Ser.khim.nauk  
no.1:105-114 '50. (MLRA 10:5)  
(Surface tension) (Foam) (Systems (Chemistry))

TEYTEL'BAUM, B.Ya.; SIDOROVA, Ye.Ye.; GANELINA, S.G.

Study of the surface layer in liquid systems. Part 4. Surface stratification and foam formation in certain binary systems of organic liquids. Izv.Kazan.fil.AN SSSR Ser.khim.hauk. no.1:115-124 '50. (MLRA 10:5)

(Surface tension) (Foam) (Systems (Chemistry))

GANELINA, S. G.

"Viscosity of systems of benzene and its homologues with lower alcohols."  
B. Ya. Teitel'baum, T. A. Gortalova, and S. G. Ganelina. (p. 1422)

SO: Journal of General Chemistry (Zhurnal Obshchei Khimii) 1950, Vol 20, No 20.



GANELINA, S. G.

USSR/Chemistry - Gas Analysis Geology - Prospecting

Sep 51

"A New Automatic Gas Burette"

Nauka i Zhizn'" Vol XVIII, No 9, p 29

The analysis of a mineral or rock normally requires a long time (up to several days), while with the new device developed by L. G. Berg, Prof of Chem Inst imeni Arbuzov, Kazan' Affiliate, Acad Sci USSR, B. Ya. Tetel'baum, and S. G. Ganelina it can be done in 30 min. The method is based on the principle of phase analysis developed by Berg. As every mineral evolves gases ( $H_2O$ ,  $O_2$ , etc.) at sp temps, any rock can be identified by measuring the vol of gases evolved by a definite quantity of it in the powdered state on heating. The measurement of the gas vol is automatic: when an Hg drop has reached the last division of the scale, there is a click, a red lamp lights up, and a new drop of Hg appears at the bottom of the scale.

PA 213T22

USSR/Chemistry - Surface Tension Sep 51

PA 192T39

"Investigation of the Surface Tension of Aqueous Solutions of Acetone, Methylethylketone, Pyridine, and Chloral," B. Ya. Teytel'baum, S. G. Ganelina, T. A. Gortalova, Chem Inst imeni A. Ye. Arbuzov, Kazan' Affiliate Acad Sci USSR

"Zhur Fiz Khim" Vol XXV, No 9, pp 1043-1049

On the basis of temp coeffs of surface tension in the systems studied, concluded that there is formation of solns of hydrates in surface layer.

LC

192T39

USSR/Chemistry - Surface Tension (Contd) Sep 51

Showed that whenever a weakly dissoc compd is formed, the max of the temp coeff indicates the compn of that compd.

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102T30

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USSR/Chemistry, Colloid - Foams

Jul/Aug 52

"Investigation of Surface Films of Liquid Systems.  
V. Foam Formation in Some Ternary Systems Consist-  
ing of Organic Liquids," B. Ya. Teytel'baum, . .  
S. G. Ganelina, Chem Inst imeni A. Ye. Arbuzov,  
Kazan' Affiliate, Acad Sci USSR

"Kolloid Zhur" Vol XIV, No 4, pp 267-269

Measured at 0° the stability of foams formed by 3  
complete ternary systems: nitrobenzene plus cyclo-  
hexane with (1) piperidine, (2) ethyl alc and (3)  
p-cymene; established and formulated the relation-  
ships which influence the stability of foams in  
these systems.

225T14

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CATALYST

Chemical Abst.  
Vol. 48 No. 9  
May 10, 1954  
General and Physical Chemistry

The surface layer of liquid systems. V. Foam formation in some ternary systems formed by organic liquids. B. Ya. Tetel'baum and S. G. Ganelina. *Colloid J. (U.S.S.R.)* 14, 293-5 (1952) (Engl. translation).—See C.A. 46, 9380c. VI. The stability of elemental foam. B. Ya. Tetel'baum and E. E. Sidorova. *Ibid.* 401-5.—See C.A. 47, 1460i.

②

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H.L.H.